

DEC 20 1996

Region SOUTHCENTRAL

USGS Quad Seldovia D-5 REGION II
HABITAT AND RESTORATION
DIVISION

Anadromous Water Catalog Number of Waterway 244-10-10010-2011 & 2011-3070

Name of Waterway North Fork Anchor River ☒ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use Nomination # <u>97 034</u> Revision Year: _____ Revision to: Atlas _____ Catalog _____ Both <u>X</u> Revision Code: <u>A-2</u> <u>B-V</u>		Regional Supervisor <u>[Signature]</u> Date <u>12/5/97</u> AWC Project Biologist <u>[Signature]</u> Date <u>3/18/97</u> Drafted <u>[Signature]</u> Date <u>12/11/97</u>	
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OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho	6/30/96	Probable	Yes	Yes	<input checked="" type="checkbox"/>
Dolly Varden	6/30/96	Probable	Yes	Yes	<input checked="" type="checkbox"/>
Rainbow/Steelhead	6/30/96	Probable	Yes	Yes	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Site sampled during an ADF&G, Habitat and Restoration Division, fish habitat survey of the Western Kenai Peninsula. The small size of the captured juvenile coho salmon (age-0, n = 5, ave. 33 mm FL, range 30 - 35 mm) and the available high quality spawning habitat, strongly suggests that the stream reach provides spawning habitat for coho salmon. The small size of the captured juvenile Dolly Varden (age-0, n = 2, ave. 36 mm FL, range 35 - 37 mm) and the available high quality spawning habitat strongly suggests that the stream reach provides spawning habitat for Dolly Varden. The captured juvenile rainbow trout/steelhead were probably age-1. (n = 3, ave. 57 mm FL, range 55 - 60 mm). As both anadromous Dolly Varden and steelhead are currently documented in the North Fork of the Anchor River and as the site is accessible by anadromous fish, I suggest considering the Dolly Varden and rainbow trout population at this site anadromous. At sample site 4-A-1, 1 1/2 mile upstream of 4-A-2, only Dolly Varden were collected. See the attached survey form and map for details.

Name of Observer (please print) Michael Wiedmer, Habitat Biologist
 Date: 12/20/96 Signature: [Signature]
 Address: Alaska Department of Fish and Game
333 Raspberry Road, Anchorage, AK 99518

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

VELDOVA

[illegible]

1500
ADD
244-10-
357

A topographic map showing a section of a river valley. The map includes contour lines, a scale bar, and a north arrow. Handwritten annotations in blue ink are present, including the number '15' written twice, the number '16' written once, and the number '17' written once. The text 'North Fork' is printed on the map. The map is oriented with the river flowing from the top left towards the bottom right.

Topographic map showing the area around the 1000m contour line. The map includes the 1000m contour line, the 1000m contour line, and the 1000m contour line.

(Handwritten notes on a map showing locations like "Good Day", "D U House", "Good 27", "30-30", "30-30", "30-30")

4-A-2
59 47-85 W
151 32-70 W
X1379
DO 15 RB, DV

30
x 12.0
30

A close-up of a geological map showing contour lines and a dashed line labeled 'COR'.

MS. 2

2-5
54 51.83
151.36
COR
8801 X
59 51.02
54 51.67
151.36
* 151.36
COR

A hand-drawn map showing a route. At the top right, there's a label "Z-A". A road or path leads downwards, marked with arrows. To the left of the road, it says "ROAD SIDE". Further down, near some buildings, it says "WALL".

LOOKS

GOOD CREEK

FARM ROAD

360 X

8

9

DATE
NAME

A topographic map of the study area. The map shows contour lines representing elevation. A dashed line runs horizontally across the middle of the map. There are two labels: '17' with 'x/40' below it, and '18' with a '+' symbol below it. The map is oriented with North at the top.

19

A topographic map showing contour lines and elevation markers. A black line, possibly a road or boundary, runs diagonally from the top left towards the center. A red line runs horizontally across the upper right. A blue line with arrows points from the bottom left towards the center. Handwritten blue text 'cont' is visible. Elevation markers include 'x150', 'x1250', '30', '39', '49', and '1000'.

A detailed map of the area around the village of Khatyn. The map shows a winding road along the left side, with several small buildings and structures marked. A large, irregularly shaped area is shaded in grey, representing a forest or wooded area. Handwritten numbers '90' and '346' are visible in the lower right corner. The map also includes a grid system with dashed lines.

A topographic map section showing contour lines and elevation markers. The map includes labels for "Beaver Creek", "1000", "1150", and "136". There are also some handwritten or printed numbers like "13 W", "12 W", and "79". The map shows a valley with a stream bed indicated by dashed lines.

A topographic map of the study area. The map shows contour lines with elevations of 1000 and 1040. A dashed line is drawn across the map. The map is oriented with North at the top.

A topographic map of the Epperson Knob area. The map shows contour lines with elevations of 1800 and 1900. A dashed line runs diagonally across the map. The label 'Epperson Knob' is written vertically on the left side. The number '1800' is written near a contour line. The number '1900' is written near another contour line. The map is oriented with North at the top.

KENAI PENINSULA FISH HABITAT SURVEY FORM

Rev. 02/2008

STATION NO: 4-A-2 DATE: 6/30/96 TIME: 1330

OBSERVERS: MW, IS TEAM: A STREAM NO: _____

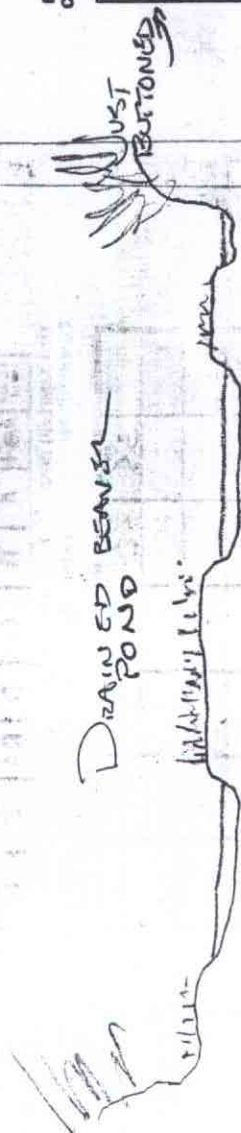
GPS COORDINATES: Lat. _____ Long. _____

WEATHER: CLEAR STREAM STAGE: HIGH PRECIP: 0
 PRT. CLDY. LOW YESTERDAY HUY STORMS
 CLOUDY LOW THIS WEEK _____

TEMP: AIR _____ WATER 50°F STREAM GRADIENT: 21 %

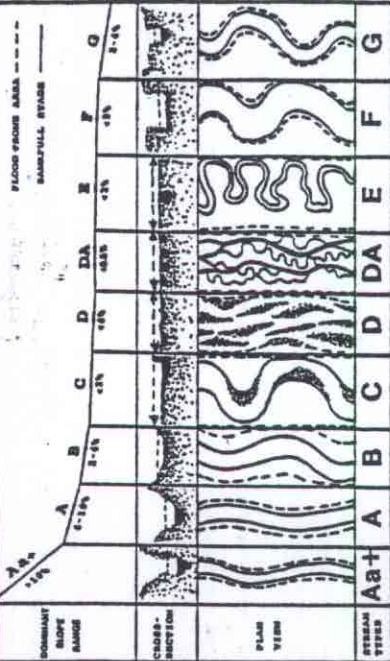
WATER CLARITY: CLEAR SUBSTRATE COMPOSITION (%):
 MUD 100 (ORGANICS) WIDTH 0
 SAND _____ DEPTH, LEFT BANK 0.5
 GRAVEL _____ DEPTH, RIGHT BANK 0.8
 COBBLE _____ DEPTH, MID-CHANNEL 0.5
 BLDR/ROCK 100% VELOCITY: 0 ft/sec (None) 0.1 ft/sec (Slow) 1-3 ft/sec (Medium) 3+ ft/sec (Fast)

CHANNEL DIAGRAM (INCLUDE BANK & STREAM FEATURES, VEGETATION):



CIRCLE DOMINANT CHANNEL TYPE:

Channel Type	A	B	C	D	DA	E	F	G
1								
2								
3								
4								
5								
6								
ENTRFL	11.4	14-22	22.3	22.3	22.3	22.3	22.3	22.3
SIL	11.2	11.2	11.4	11.4	11.4	11.4	11.4	11.4
W/D	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
SLOPE	21-23%	21-23%	21-23%	21-23%	21-23%	21-23%	21-23%	21-23%



FISH SAMPLING GEAR: FF TIME: 7:22 AREA: 75 EFFICIENCY: 60% SMALL FISH

CO	35	32	30	35	33
K					
S					
P					
CH					
DY	37	35			
RUSH	60	55	55		

WILDLIFE OBSERVATIONS:

KENAI PENINSULA FISH HABITAT SURVEY FORM

Rev. 8/25/98

STATION NO: 4-A-1 DATE: 6/30/96 TIME: 1155

OBSERVERS: MW TS TEAM: AB STREAM NO: _____

GPS COORDINATES: Lat. _____ Long. _____

WEATHER: CLEAR STREAM STAGE: HIGH PRECIP: 0
 PRT. CLDY. MEDIUM TODAY
 CLOUDY LOW YESTERDAY 11.5 SHW
 THIS WEEK _____

TEMP: AIR _____ WATER 46 STREAM GRADIENT: _____ %

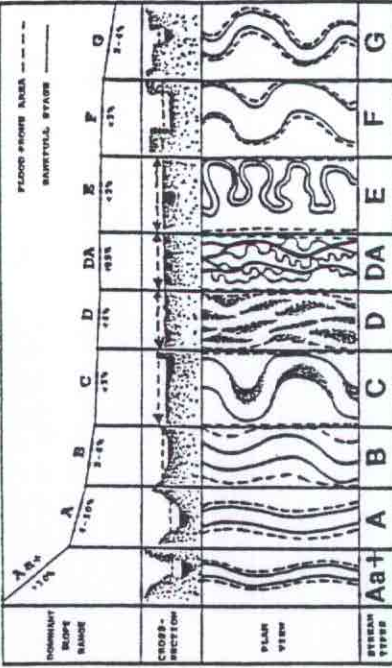
WATER CLARITY: CLEAR SUBSTRATE COMPOSITION (%):
 MUD _____ SAND 10 GRAVEL 30 COBBLE 70 BLDG/B-ROCK 100
 STREAM DIMENSIONS (ft):
 WIDTH 5
 DEPTH, LEFT BANK 0.5
 DEPTH, RIGHT BANK 0.8
 DEPTH, MID-CHANNEL 0.8
 VELOCITY: None 0 Slow 0-1 Medium 1-3 Fast 3+

CHANNEL DIAGRAM (INCLUDE BANK & STREAM FEATURES, VEGETATION):



CIRCLE DOMINANT CHANNEL TYPE:

Channel Type	A	B	C	D	DA	E	F	G
1								
2								
3								
4								
5								
6								
ENTR	1.4	2.2	2.2	N/A	2.1	2.2	2.2	2.2
ENTR	1.4	2.2	2.2	1.1-1.8	1.1-1.8	1.1-1.8	1.1-1.8	1.1-1.8
W/D	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
SLOPE	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008



FISH SAMPLING GEAR: EF TIME: 62 AREA: _____ EFFIC: 30 %
 CONDUCTIVITY: 5 μ mhos

Channel Type	A	B	C	D	DA	E	F	G
1								
2								
3								
4								
5								
6								
ENTR								
ENTR								
W/D								
SLOPE								

WILDLIFE OBSERVATIONS:

BEAVER DAM RESULTS THROUGHOUT
 BULL MOOSE ON GRASS